

Amendments to the Specification:

Please replace the paragraph beginning on page 1, line 21 with the following amended paragraph:

Tissue-type plasminogen activator (t-PA) is a serine protease that plays a critical role in the process of fibrinolysis, the dissolution of clots, by activating plasminogen to the protease plasmin. t-PA has been fully identified and characterized by underlying DNA sequence and deduced amino acid sequence. See Pennica et al., *Nature*, 301: 214 (1983) and U.S. Pat. No. 4,853,330, issued Aug. 1, 1989, the teachings of both of which are incorporated by reference. The nucleotide sequence and deduced primary amino acid sequence of human t-PA is depicted in Fig. 1A, Fig. 1B, and Fig. 1C and Fig. 1D.

Please replace the paragraph beginning on page 7, line 21 with the following amended paragraph:

Figs. 1A, 1B, and 1C, and 1D show the nucleotide sequence (SEQ ID NO:11) and deduced amino acid sequence (SEQ ID NO:12) of the full-length human t-PA cDNA; and